atlas concorde USA

Element

Porcelain tiles

MADE IN USA

CERTIFIED PORCELAIN TILE

Scan to learn more

Size 11 3/4" x 23 5/8" **Thickness** 9 mm **Finish** Matte

V3 MODERATE VARIATION

Field tiles	**Commercial size (in)**	**Nominal size (in)**	**Thickness (mm)**	**Finish**	**Edge**
	12" x 24"	11 3/4" x 23 5/8"	9 mm	Matte	-
Mosaics and coordinating trims	**Commercial size (in)**	**Nominal size (in)**	**Thickness (mm)**	**Finish**	
	Mosaic 2" x 2"	11 3/4" x 11 3/4"	9 mm	Matte	
	Brick Mosaic	11 5/8" x 11 2/3"	9 mm	Matte	
	Turtle Mosaic	13 2/7" x 11 1/2"	9 mm	Matte	
	Bullnose 3" x 24"	2 7/8" x 23 5/8"	9 mm	Matte	Please refer to caliber chart for working size. Close joints are not recommended.
	Cove Base 6" x 12"	5 7/8" x 11 3/4"	8.5 mm	Matte	

			Requirements		
	Property	**Test Method**	**Calibrated**	**Rectified**	
Regularity characteristics	**Nominal Size**	ASTM C499	±3.00%	-3.00% ÷ +2.00%	Compliant
	Caliber Range		±0.50% or ±0.08 in (±2.0 mm) (*)	±0.25% or ±0.03 in (±0.8 mm) (*)	Compliant
	Thickness (1)		Range: 0.04 in (1.02 mm)		Compliant
	Wedging	ASTM C502	±0.50% or ±0.08 in (±2.0 mm) (*)	±0.25% or ±0.03 in (±0.8 mm) (*)	Compliant
	Warpage Edge	ASTM C485	±0.75% or ±0.09 in (±2.3 mm) (*)	±0.40% or ±0.05 in (±1.3 mm) (*)	Compliant
	Warpage Diagonal		±0.50% or ±0.08 in (±2.0 mm) (*)	±0.40% or ±0.07 in (±1.8 mm) (*)	Compliant
Structural characteristics	**Water Absorption**	ASTM C373	≤ 0.5%		≤ 0.5%
Bulk mechanical characteristics	**Breaking Strength**	ASTM C648	Average ≥ 250 lbf. (1.11 kN) Individual ≥ 225 lbf. (1.00 kN)		≥ 350 lbf. avg
Surface mechanical characteristics	**Mohs' Scratch Hardness**	C1895	Subject to the project (3)		MOHS 7-8: Hard. Suitable for high-traffic residential and light commercial areas.
Physical properties	**Bond Strength**	ASTM C482	≥ 50 psi. (0.34 Mpa)		≥ 100 psi.
Thermal and hygrometric characteristics	**Resistance to Freeze/ Thaw Cycling**	ASTM C1026			Resistant
	Thermal Shock Resistance	ASTM C484			Resistant
Chemical characteristics	**Chemical Resistance**	ASTM C650			Unaffected
	Stain Resistance	ASTM C1378			Unaffected
Safety characteristics	**Dynamic Coefficient of Friction (DCOF)**	ANSI A326.3	Subject to the project (2) (3)		≥ 0.42 Wet Interior Wet (IW) (2)

(*) Whichever is less.
(1) Whichever is less, for tiles up to 24"x24" (610 mm x 610 mm).
(2) DCOF ≥0.42 Wet may not be a requirement for all projects.
(3) The specifier shall determine tiles appropriate for specific project conditions, considering by way of example, but not in limitation, type of use, traffic, expected contaminants, expected maintenance, expected wear, and manufacturers' guidelines and recommendations. For updated manufacturer classification according to ANSI A326.3. Section 4 - "Product Use Categories", please refer to our website.

For more details please see the catalogue or visit atlasconcordeusa.com
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PEF EPD WELL v2

Declare. G2 GREEN SQUARED CERTIFIED VERIFIED BY SCS Global Services hpd UL GREENGUARD